



Figure S1: Comparison of the environmental conditions in the fishing impact studies (blue) and the unfished areas on the Norwegian continental margin (grey).

Table S1: Results of the sensitivity analysis when varying the values of the fraction of sediment that resettles to the seabed after resuspension between 0 and 1.

P_{crd} (-)	Vulnerable organic carbon (Tg)		
	Low estimate	Mean estimate	High estimate
0	8.0	19.2	30.6
0.25	6.2	18.4	30.3
0.5	4.4	17.6	30.1
0.75	2.6	16.8	29.8
0.87	1.8	16.4	29.6
1	0.8	16.0	29.5